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<b>TRANSMITTAL LETTER TO THE UNITED STATES          DESIGNATED/ELECTED OFFICE (DO/EO/US)          CONCERNING A FILING UNDER 35 U.S.C. 371</b>		ATTORNEY'S DOCKET NUMBER <b>697.031US1</b>
		U.S. APPLICATION NO. (If known, see 37 CFR 1.5) <b>10/594099</b> UNKNOWN
INTERNATIONAL APPLICATION NO. <b>PCT/GB2005/001243</b>	INTERNATIONAL FILING DATE <b>March 29, 2005</b>	PRIORITY DATE CLAIMED <b>March 25, 2004</b>
TITLE OF INVENTION : GENE THERAPY		
APPLICANT(S) FOR DO/EO/US : Andrew Pacey		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C. 371. 2. This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371. 3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371 (f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(1). 4. The US has been elected by the expiration of 19 months from the priority date (Article 31). 5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)) a. is transmitted herewith (required only if not transmitted by the International Bureau). b. <input checked="" type="checkbox"/> has been transmitted by the International Bureau. c. is not required, as the application was filed in the United States Receiving Office (RO/US). 6. A translation of the International Application in to English (35 U.S.C. 371(c)(2)) ( pgs.). 7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)). a. are transmitted herewith (required only if not transmitted by the International Bureau). b. have been transmitted by the International Bureau. c. have not been made; however, the time limit for making such amendments has NOT expired. d. <input checked="" type="checkbox"/> have not been made and will not be made. 8. A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). 9. <input checked="" type="checkbox"/> <b>UNSIGNED Declaration (3 pages).</b> 10. An English Language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).		
<b>Items 11. to 20. below concern document(s) or information included:</b>		
11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98 (2 pgs.) with Form 1449 (1 pg.), and copies of four (4) cited documents and a copy of the PCT International Search Report (6 pgs.) 12. An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included 13. <input checked="" type="checkbox"/> A FIRST preliminary amendment (6 pages). 14. A substitute specification ( ____ pgs), with ____ sheets of original drawings, and a marked-up version of the substitute specification ( ____ pgs). 15. <input checked="" type="checkbox"/> OTHER ITEMS OR INFORMATION: Copy of International Patent Application No. PCT/GB2005/001243 (31 pgs.). Drawings (11 pgs.). Written Opinion (8 pgs.). Form PCT/IB/308 (1 pg.) PCT Request (4 pgs.).		

IAP16 Rec'd PCT/PTO 25 SEP 2006

U.S. APPLICATION NO. (If known, see 37 CFR 1.5) <b>Unknown</b> <b>10/591,099</b>	INTERNATIONAL APPLICATION NO. <b>PCT/GB2005/001243</b>	ATTORNEY'S DOCKET NUMBER <b>697.031US1</b>
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17. <input checked="" type="checkbox"/> The following fees have been submitted: <b>BASIC NATIONAL FEE (37 CFR 1.492 (a))</b> 18. Basic National Fee (37 CFR 1.492(a)) <b>\$300.00</b> 19. Examination Fee (37 CFR 1.492(c)) If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicated all claims satisfy provisions of PCT Article 33 (1)-(4) - <b>\$0.00</b> All other situations - <b>\$200.00</b>  20. Search Fee (37 CFR 1.492(b)) If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicated all claims satisfy provisions of PCT Article 33 (1)-(4) - <b>\$0.00</b> Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority - <b>\$100.00</b> International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB - <b>\$400.00</b> All other situations - <b>\$500.00</b>  <p style="text-align: center;"><b>TOTAL OF 21, 22 AND 23 = \$900.00</b></p> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequencing listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium ) 37 CFR 1.492(j)) The fee is <b>\$250.00</b> for each additional 50 sheets of paper or fraction thereof.	<b>CALCULATIONS PTO USE ONLY</b>
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Total Sheets ____ - 100 = ____ Extra Sheets ____ /50 = ____ Number of each additional 50 or fraction thereof (round up to a whole number ____ x <b>\$250.00</b>			
Surcharge of <b>\$130.00</b> for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h))			

CLAIMS	ENTER APPROPRIATE BASIC FEE AMOUNT			\$ 900.00
	NUMBER FILED	NUMBER EXTRA	RATE	
Total Claims	19 - 20 =	0	X \$50.00	\$
Independent Claims	2 - 3 =	0	X \$200.00	\$
MULTIPLE DEPENDENT CLAIMS(S) (if applicable)			+ \$360.00	\$
<b>TOTAL OF ABOVE CALCULATIONS</b>				\$ 900.00
__ Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2.				\$
Processing fee of <b>\$130.00</b> for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).				
<b>TOTAL NATIONAL FEE</b>				\$ 900.00
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). <b>\$40.00</b> per property.				\$
<b>TOTAL FEES ENCLOSED</b>				\$ 900.00
				Amount to be:
				refunded \$
				charged \$ 900.00

10/594099

U.S. APPLICATION NO. (If known, see 37 CFR 1.5) Unknown	INTERNATIONAL APPLICATION NO. PCT/GB2005/001243	ATTORNEY'S DOCKET NUMBER 697.031US1
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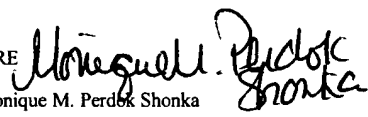
a.	Authorization to charge to Deposit Account No. 19-0743 in the amount of \$40.00 to cover the above fee for the Assignment Recordation.
b.	<input checked="" type="checkbox"/> Authorization to charge to Deposit Account No. 19-0743 in the amount of \$900.00 to cover the above fee for the filing fee.
c.	<input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>19-0743</u> .

**NOTE:** Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.

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SEND ALL CORRESPONDENCE TO:

SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A.  
P.O.Box 2938  
Minneapolis, MN 55402

SIGNATURE   
NAME: Monique M. Perdek Shonka  
REGISTRATION NUMBER: 42,989

10/594099

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of: Andrew Pacey

Title: GENE THERAPY

Attorney Docket No.: 697.031US1

Customer No.: 21186

PATENT APPLICATION TRANSMITTAL

MS PCT

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

We are transmitting herewith the following attached items and information (as indicated with an "X"):

- ☒ A Transmittal Letter to the DO/EO/US (3 pgs.) (and duplicate copy thereof) concerning a *PCT - U.S. National Stage filing under 35 U.S.C. 371*.
- ☒ Preliminary Amendment ( 6 pgs.).
- ☒ UNSIGNED Declaration (3 pg.)
- ☒ Copy of: PCT/GB2005/001243 (31 pgs.) and Drawings (11 sheets).
- ☒ Information Disclosure Statement (2 pgs.); PTO 1449 (1 pg.) and four cited documents.
- ☒ International Search Report (6 pgs.).
- ☒ Written Opinion (8 pgs.).
- ☒ Form PCT/IB/308 (1 pg.).
- ☒ PCT Request (4 pgs.)
- ☒ Authorization to charge Deposit Account No. 19-0743 in the amount of \$900.00 for the Filing Fee.
- ☒ Return Postcard

The filing fee has been calculated below as follows:

	No. Filed	No. Extra	Rate	Fee
TOTAL CLAIMS	19-20	0	x 25.00 =	\$
INDEPENDENT CLAIMS	2-3	0	X100.00 =	\$
[ ] MULTIPLE DEPENDENT CLAIMS PRESENTED				\$
BASIC FEE				\$300.00
SEARCH FEE				\$400.00
EXAMINATION FEE				\$200.00
APPLICATION SIZE FEE				\$0.00
TOTAL				\$900.00

Please charge any additional required fees or credit overpayment to Deposit Account No. 19-0743.

SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A.

Customer Number: 21186

By:

Atty: Monique M. Perdok Shonka

Reg. No. 42,989

Express Mail mailing label number: EV 553 993 616 US

Date of Deposit: September 25, 2006

This paper or fee is being deposited on the date indicated above with the United States Postal Service pursuant to 37 CFR 1.10, and is addressed to The Commissioner for Patents, MS PCT, P.O. Box 1450, Alexandria, VA 22313-1450.